Title (en)
METHOD OF DETECTING A SIGNIFICANT CHANGE OF SCENE

Title (de)
SZENENÄNDERUNGSDETEKTION

Title (fr)
PROCEDE PERMETTANT DE DETECTER UN CHANGEMENT SIGNIFICATIF DE SCENE

Publication
EP 1364526 A1 20031126 (EN)

Application
EP 02712101 A 20020221

Priority
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Abstract (en)
[origin: WO02069620A1] A significant change of scene in a gradually changing scene is detected with the aid of a least one camera means (2) for capturing digital images of the scene. A current image (4) of the scene is formed together with a present weighted reference image (6) which is formed from a plurality of previous images (8) of the scene. Cell data is established based on the current image (4) and the present weighted reference image (6). The cell data is statistically analysed so as to be able to identify at least one difference corresponding to a significant change of scene. When identified, an indication of such significant change of scene is provided.

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H04N 5/14; G11B 27/28; G11B 27/031; H04N 7/36; G08B 13/196; G08B 15/00

IPC 8 full level
G06T 7/20 (2006.01); **G08B 13/194** (2006.01); G11B 27/28 (2006.01); H04N 5/14 (2006.01)

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G06T 7/254 (2016.12 - EP US); **G08B 13/19602** (2013.01 - EP US); **G08B 13/19604** (2013.01 - EP US); **G08B 13/19608** (2013.01 - EP US); **G08B 13/19652** (2013.01 - EP US); G11B 27/28 (2013.01 - EP US); H04N 5/144 (2013.01 - EP US)

Citation (search report)
See references of WO 02069620A1

Citation (examination)
• US 6130707 A 20001010 - KOLLER DAVID P [US], et al
• US 5731832 A 19980324 - NG HAK-LEONG [US]
• US 6359560 B1 20020319 - BUDGE DANIEL C [US], et al
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